

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Currently Amended)** An electrode-built-in susceptor comprising:
a susceptor base body ~~which is~~ made of an ~~aluminium~~ aluminum-nitride-group-sintered-member ~~on one of which~~ having a surface ~~for carrying~~ a plate sample is mounted ~~thereon~~;
an inner electrode ~~which is~~ built in the susceptor member base body;
a power supplying terminal ~~which is~~ disposed in the susceptor base body ~~so as to be attached to, the power supplying terminal contacting the inner electrode, the power supplying terminal being formed by a conductive aluminum-nitride-tantalum-nitride-composite-sintered-member~~;
an insulating layer ~~which is~~ formed mainly by one of a boron nitride, a lithium oxide, an ~~aluminium~~ aluminum oxide, or a magnesium oxide ~~is formed, the insulating layer being formed~~ between the inner electrode and the mounting surface.

2. **(Currently Amended)** An electrode-built-in susceptor comprising:
a susceptor base body ~~which is~~ made of an ~~aluminium~~ aluminum-nitride-group-sintered-member ~~on one of which~~ having a surface ~~for carrying~~ a plate sample is mounted ~~thereon~~;
a plurality of inner electrodes ~~which are~~ built in the susceptor member base body;
a plurality of power supplying terminals ~~which are~~ disposed in the susceptor base body ~~so as to be attached to each of a plurality of, each power supplying terminal contacting the inner electrodes, each power supplying terminal being formed by a conductive aluminum-nitride-tantalum-nitride-composite-sintered-member~~;
an insulating layer ~~which is~~ formed mainly by ~~one of at least~~ a boron nitride, a lithium oxide, an ~~aluminium~~ aluminum oxide, or a magnesium oxide, ~~the insulating layer [[is]] being formed at one of:~~ between the inner electrode ~~which is, disposed the most closely to nearest~~ the mounting surface, and the mounting surface~~[[, or]]~~; ~~and~~ between a pair of ~~the~~ inner electrodes ~~which neighbor adjacent to each other among a plurality of the inner electrodes, or between the~~

inner electrode which is disposed the most closely to the mounting surface and the mounting surface and between a pair of inner electrodes which neighbor each other among a plurality of the inner electrodes.

3. - 5. (Canceled)